

SPROLINK[®]

CREATIVE VIDEO REVOLUTION



NeoLIVE R5S^{PRO}

FULLY UPGRADED MULTI-FUNCTIONAL
LIVE STREAMING SWITCHER

www.sprolink.com

Overview

The NeoLIVE R5S PRO is a newly upgraded multi-functional broadcast switcher with a brand-new design language. It features 8 x input channels with 4 x selectable channels, including 4 x SDI and 4 x HDMI inputs, with the first two HDMI inputs supporting 4K. It also supports 2 x HDMI output interfaces and 1 x SDI output interface. Additionally, it comes with an optional NDI input, totally 5 x input channels, and multi-picture combination transitions. It supports dynamic Lower Third overlay, variable MV output channel and built-in recording. The device is equipped with a hardware streaming engine that can match various streaming software, creating high-quality and professional multi-camera production and enabling live streaming on multiple platforms and networks.

Key Features

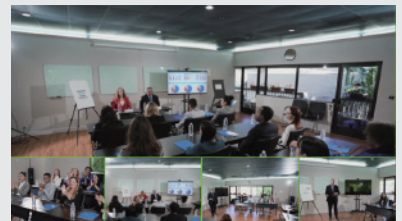
- Support super source multi-input combined as output
- Support portrait switch for various application fields
- Support NDI Input with Low-Latency Video via Ethernet
- Support 4 in 8 optional Input channels (4 x SDI and 4 x HDMI)
- Supports Type-A USB 3.0 Lossless Stream
- Supports 4K Input Signal Sources
- Compatible with UVC Cameras and Remote Camera for Versatile Inputs
- Built-in Media Player for Direct Playback & As Input Source
- Supports PGM Output and MV Output
- Supports Lower Third Overlay
- Supports In-House Recording by USB Disk and Hard Drive
- Supports Vertical & Horizontal Screen Switching
- Built-in Server for Web Browser Control
- Dual Channel RTMP Streaming through Ethernet.

Functionality



SUPER SOURCE Output

NeoLIVE R5PRO Support super source multi-input combined as output.



Support 4 in 8 optional Input channels (4 x SDI and 4 x HDMI)

With 4 x 3G-SDI ports and 4 HDMI ports, the N5S allows 4 x flexible input options from the 8 x inputs, offering more application versatility. HDMI ports 1 and 2 support 4K input.



Dual Channel Streaming via Ethernet

The NeoLIVE R5PRO includes a hardware streaming engine that supports live streaming via Ethernet without computer. Users are able to stream by inputting RTMP code via the built-in web server to realize smooth and high-quality stream in Tiktok & Facebook.



R5SPRO Support 3xOutput and Multi-Angle Monitoring

The NeoLIVE N5 series features dual HDMI outputs and 1 x SDI output, allowing separate PGM and MV outputs. This setup enables up to three display terminals to be used simultaneously, making it ideal for live scenarios that require multi-monitor viewing.



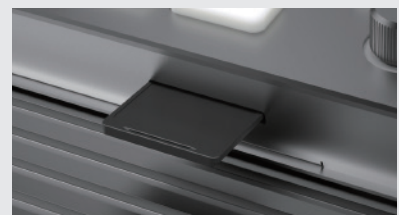
Supports NDI Input (Optional)

The NeoLIVE R5SPRO Series supports NDI input, which allows for low-latency video acquisition via Ethernet cable, simplifying the cabling process.



SD Card and External Hard Drive Video Recording

The NeoLIVE R5SPRO Series allows for direct recording of live video and audio into USB drives or external hard drives, making post-event editing easier and allowing for long-term storage or documentation.





Multi-Functional Input

The NeoLIVE R5PRO features a multi-functional input that can directly play media video sources from a USB drive or connect to a UVC camera without converters. It also supports NDI, SRT, and RTMP protocols to stream remote video feeds into the switcher and use them as an input source, achieving local live streaming.



Joystick Control PTZ Cameras

Supports to control five PTZ cameras via joystick, facilitating multi-camera switching easily.



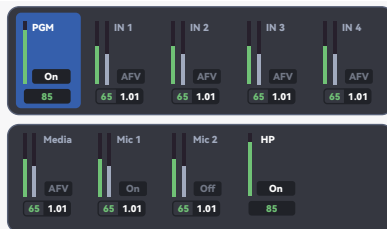
Support USB Image Load in JPG/PNG Format

The NeoLIVE R5PRO supports direct import of image files via USB disk, compatible with jpg and png formats, it is a troubleshooter for multiple device connection.



Equipped with Audio mixer to facilitate Real Time Mixing

The NeoLIVE R5PRO is built in professional audio mixer that supports both AFV and MIX audio modes, enabling mixing output of embedded HDMI audio and multi external audio.



Equipped with Audio Input for Real-time Monitoring

NeoLIVE R5PRO is equipped with a headphone monitoring, enabling real-time monitoring of any input or output audio channel.



Virtual Chroma Key Algorithm

NeoLIVE R5PRO is equipped with a powerful cinematic-level chroma key algorithm, which uses a color picker to sample the background color and automatically generate keying parameters, providing precise edge and spot control, making it a great tool for news broadcasts or live presentations!



Applications

E-commerce Live Streaming

NeoLIVE R5PRO is the best choice for e-commerce live streaming rooms. It supports multi-camera switching, capturing wide-angle or close-up shots between the host and the products. Its compact and portable design allows for flexible operation and switching in limited live streaming space.



Various Event Performances

The NeoLIVE R5PRO is portable and easy to carry allowing it to handle various events and performances. It has multiple built-in scene modes that can be easily recalled and saved. Additionally, you can copy the live production plans and recorded instructional videos to a USB drive or an external hard drive.



Business Presentation

In business meetings, NeoLIVE R5PRO can achieve multi-camera switching. The PTZ camera angle can be controlled and preset by joystick. One camera can be set for close-up shot, another for wide-angle shot, and an additional computer can be used for PPT presentation. The PIP feature can also be used to enhance the visual experience of business presentation.



Education and Training

NeoLIVE R5PRO support multi-camera setups and chroma key function to create virtual teaching scenes, meeting the needs of online education. Recorded instructional videos can be copied to a USB drive or an external hard drive.



Parameter

Interface	Input	3G-SDI	4xSDI	SDI 1080p Input
		HDMI 2.0	2xHDMI	HDMI 4K Input Interfaces
		HDMI1.3	2xHDMI	HDMI 1080P Input Interfaces
		USB 2.0	1xUSB Type-A	Video Playback/File Loading/UVC Input
	Output	3G-SDI	1xSDI	PGM
		HDMI1.3	1xHDMI-A	PGM
		HDMI1.3	1xHDMI-A	PVW / PGM / PST
		USB 3.0	1xUSB Type-C	UVC Output Port
	Audio	MIC IN	2x3.5mm Stereo Jack	Compatible with MIC/Line Input
		PHONES	1x3.5mm Stereo Jack	Audio Monitoring
Input Resolution	Communication	LAN	1xRJ45	LAN Control / Stream
				PTZ Control
	HDMI	SMPTE	720p@50/60 1080i@50 1080p@24/30/50/60	
			1024x768@60 1280x768@60 1280x800@60	
		VESA	1280x1024@60 1360x768@60 1366x768@60	
			1440x900@60 1600x1050@60 1680x1050@60	
			1920x1080@23.98/24/25/29.97 /30/50/59.94/60	
			(IN1/IN2) 3840x2160@30/50/60	
Output Resolution	HDMI	SMPTE	720p@50/60 1080p@24/30/50/60	
	USB3.0	Video Streaming	720p@50/60 1080p@24/30/50/60	
Performance	Video Sampling	YUV 4:4:4		
	Latency	<3 Frames		
	Audio Latency	0-500ms (0-30/25 frame)		
Power	Input Voltage	12V/2A		
	Constant Power	20W		
Environment	Temperature	0°C~70°C		
	Humidity	10%~85%		
Weight	Net Weight	2kg		
Dimension	Net Dimension	261mm x 144mm x 49mm		